

Application No.: 10/606,752
Amdt. dated November 14, 2005
Reply to Office Action dated August 12, 2005

Docket No.: 8734.211.00-US

AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include changes to FIGs. 8 and 18.

Attachment: Replacement Sheets
Annotated Sheets Showing Changes

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated August 12, 2005 has been received and its contents carefully reviewed.

Claims 1, 4, 5, 7, 9, 10, 11, 14, and 18–21 are hereby amended. Accordingly, claims 1–23 are currently pending. Reexamination and reconsideration are hereby requested.

In the Office Action, the specification is objected to due to informalities; claims 1–17 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Applicants' Related Art (hereinafter "ARA") in view of U.S. Patent Application, Publication No. 2002/0196221 by Morita (hereinafter "Morita"); and claims 18–23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over ARA in view of Morita and further in view of U.S. Patent Application, Publication No. 2001/0038372 by Lee (hereinafter "Lee").

In the Office Action, the specification is objected to due to informalities. Applicants hereby amend the specification and the figures to overcome the informalities cited by the Examiner.

In the Office Action, claims 1–17 are rejected under 35 U.S.C. § 103(a) as being unpatentable over ARA in view of Morita. Applicants respectfully traverse the rejection of claim 1 and request reconsideration. Independent claim 1 is allowable in that it recites "comparing the reduced-bit source data of a previous frame with the reduced-bit source data of a current frame to select a preset modulated data in accordance with the result of the comparison, wherein a bit number of the reduced-bit source data of the previous frame is the same as that of the current frame, and a bit number of the preset modulated data is more than that of the reduced-bit source data of each previous frame and current frame." Nothing in ARA and Morita, alone or in combination, teaches at least this feature of the claimed invention. Accordingly, Applicants respectfully submit that claim 1, and its dependent claims 2–6, are allowable over any combination of ARA and Morita.

Applicants respectfully traverse the rejection of independent claim 7 and request reconsideration. Independent claim 7 is allowable in that it recites “determining whether an $n-k$ bit source data of the current frame is identical to an $n-k$ bit source data of the previous frame stored in the storage memory, wherein k is a positive integer less than n ,” and “supplying the an n bit source data of the current frame to a liquid crystal display panel or modulating the an $n-k$ bit source data.” Nothing in ARA and Morita, alone or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicants respectfully submit that claim 7, and its dependent claims 8–10, are allowable over any combination of ARA and Morita.

Applicants respectfully traverse the rejection of independent claim 11 and request reconsideration. Independent claim 11 is allowable in that it recites “a modulator for comparing the reduced-bit source data of a current frame with reduced bit source data of a previous frame to modulate the source data by using a preset modulated data in accordance with a result of the comparison, wherein a bit number of the reduced-bit source data of the previous frame is the same as that of the current frame, and a bit number of the preset modulated data is more than that of the reduced-bit source data of each previous frame and current frame.” Nothing in ARA and Morita, alone or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicants respectfully submit that claim 11, and its dependent claims 12–17, are allowable over any combination of ARA and Morita.

In the Office Action, claims 18–23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over ARA in view of Morita and further in view of Lee. Applicants respectfully traverse the rejection of independent claim 18 and request reconsideration. Claim 18 is allowable in that it recites “a comparator for determining whether an $n-k$ bit source data of a current frame is identical in $n-k$ bits to the source data of a previous frame from the storage memory, wherein k is a positive integer less than n ,” and “a modulator for registering a first n bit modulated data that has a larger value than a data value of the current frame in accordance with an increase of the data value, and a second n bit modulated data that has a smaller value than the data value of the current frame in accordance with a decrease of the data value, and for supplying the source data of the current frame to the liquid crystal display panel, or modulating the $n-k$ bit source data by using the first and second n bit modulated data in accordance with a judgment

result of the comparator.” Nothing in ARA, Morita, and Lee, alone or in combination, teaches or suggests at least this feature of the claimed invention. Accordingly, Applicants respectfully submit that claim 18, and its dependent claims 19–23, are allowable over any combination of ARA, Morita, and Lee.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Applicants herewith file a Revocation of Power of Attorney with New Power of Attorney and a Statement under 37 CFR 3.73(b) indicating that the undersigned is Attorney of Record.

Dated: November 14, 2005

Respectfully submitted,

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FIG. 8

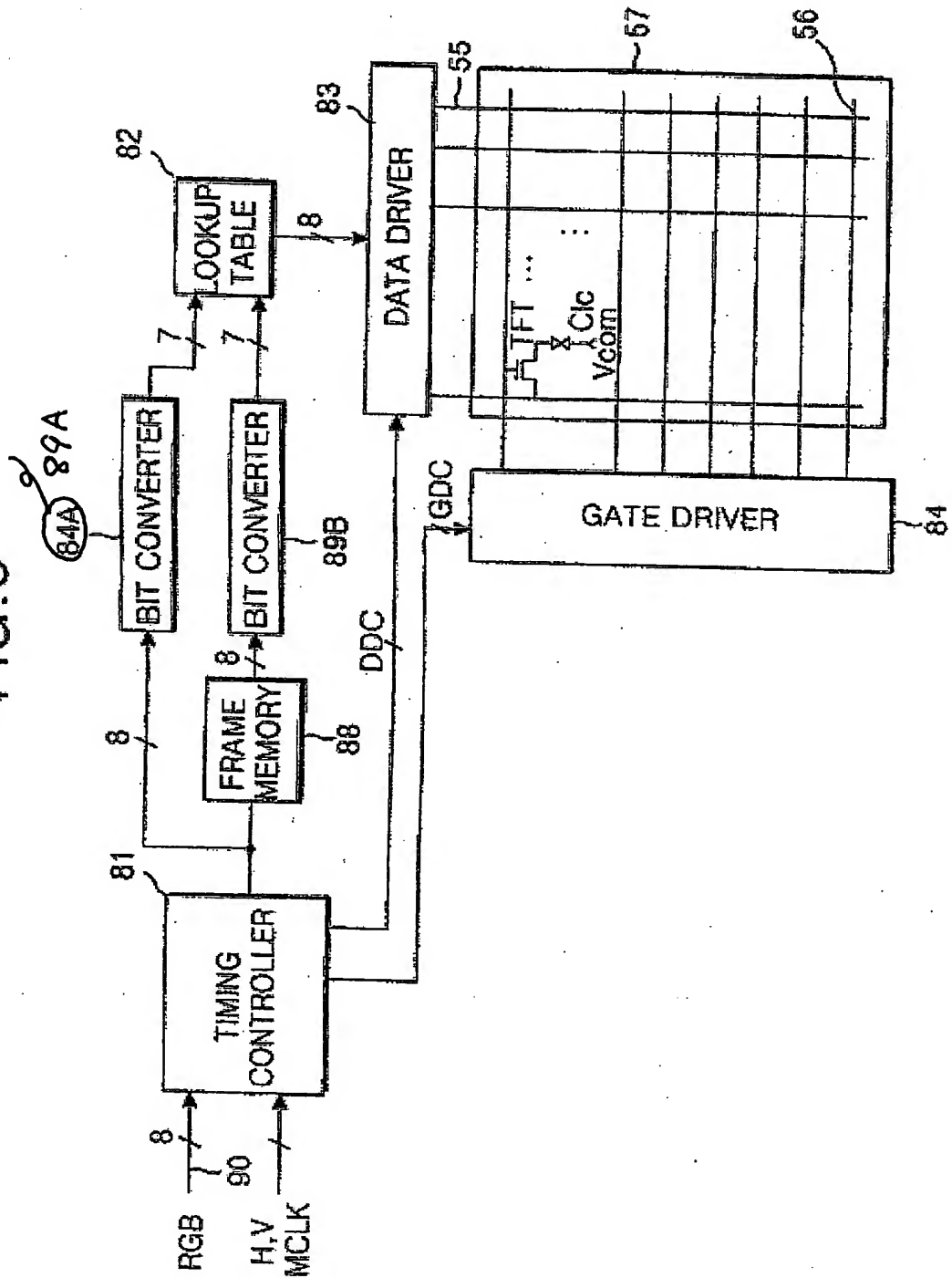


FIG. 18

